

SILTSACK[®] FOR CATCH BASINS



EROSION AND SEDIMENT CONTROL

SILTSACK® FOR CATCH BASINS

SILTSACK® is a sediment control device manufactured to fit the opening of a 2' x 2' catch basin. Used to prevent silt and sediment from entering your drainage system. SILTSACK® traps the silt / sediment but allows water to pass through into the sewer. SILTSACK® can be used as a primary or secondary sediment control device to prevent failure of drainage system due to clogging with silt/sedimentation.



Installation Sequence

To install the SILTSACK® in the catch basin, remove the grate and place the sack in the opening. Hold approximately six inches of the sack outside the frame. This is the area of the lifting straps. Place the grate to hold the sack in place.

Maintenance

- Routine inspection of the SILTSACK®'s collected sediment level is important to prevent over-flow of silt and sediment.
- SILTSACK® should be inspected every 2 - 3 weeks and after every major storm.
- The yellow restraint cord should be visible at all times. If the cord is covered with sediment, the SILTSACK® should be emptied.
- To remove the SILTSACK®, take two pieces of 1" diameter rebar and place through the lifting loops on each side of the sack to facilitate the lifting of the SILTSACK®.
- To empty the SILTSACK®, place it where the contents will be collected. Place the rebar through the lift straps (connected to the bottom of the sack) and lift. This will turn the SILTSACK® inside out and empty the contents. Clean out and rinse. Return the SILTSACK® to its original shape and place back in the basin.
- The SILTSACK® is reusable. Once the construction cycle is complete, remove the SILTSACK® from the basin and clean. The SILTSACK® should be stored out of the sunlight until needed on another project.

SILTSACK® Specifications

The SILTSACK® is manufactured from a woven polypropylene geotextile and sewn by a double needle machine, using a high strength nylon thread. The SILTSACK® is manufactured to fit the opening of a 2' x 2' catch basin.

The geotextile fabric will be woven polypropylene fabric with the following properties:

Property	Test Method	Minimum Value
Grab Tensile	ASTM D-4632	300 lbs.
Grab Elongation	ASTM D-4632	20%
Puncture	ASTM D-4633	120 lbs.
Mullen Burst	ASTM D-3786	800 psi
Trapezoid Tear	ASTM D-4533	120 lbs.
UV Resistance	ASTM D-4355	80%
Apparent Opening	ASTM D-4751	40 US Sieve
Flow Rate	ASTM D-4491	40 Gal/Min/Ft ²
Permittivity	ASTM D-4491	0.55 sec ⁻¹